



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Re the Application of
Klessig, Daniel F., et al.

Serial No.: 09/623,034

Filed: 08/24/2000

For: "Methods of Using a Pathogen
Activatable MAP Kinase to
Enhance Disease Resistance in
Plants."

) Examiner: Ashwin Mehta

) Group Art Unit: 1638

) Response to paper No.: 8

#11
Grant
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AMENDMENT AND REQUEST FOR RECONSIDERATION UNDER
37 C.F.R. §1.111

In response to the Official Action mailed October 9,
2002, please amend the above-identified patent application as
follows:

In the Claims:

Please cancel claim 12 and add new claims 18 and 19.

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1. (Twice Amended) A transgenic plant expressing an N gene,
having enhanced resistance to a plant disease-causing agent
selected from the group consisting of tobamoviruses, elicitin-
producing fungi, parasiticein-producing fungi, cryptogein-
producing fungi, harpin-producing bacteria, tobacco mosaic
virus and Phytophthora fungi; wherein said transgenic plant is
stably transformed with a nucleic acid construct comprising
the figwort mosaic virus 35S promoter operably linked to a
nucleic acid molecule selected from the group consisting of a
sequence set forth in SEQ ID NO:1 or a sequence having 90%
sequence identity therewith encoding a functional kinase
enzyme, said nucleic acid molecule being expressible in a
plant cell.

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4. (Amended) A transgenic plant expressing an N gene,